

GENERAL NOTES:
1) DIMENSIONS AND SYMBOLS ARE AMERICAN NATIONAL STANDARD UNLESS OTHERWISE SPECIFIED.
2) ROUGHNESS AVERAGE EQUALS 125 MICROINCHES UNLESS OTHERWISE SPECIFIED.
3) DIMENSIONS AND TOLERANCES ARE IN INCHES.
4) BREAK ALL SHARP EDGES.
5) TOLERANCES:
DECIMALS: .X = ±.060
.XX = ±.030
.XXX = ±.010
FRACTIONS: ±1/16
ANGULAR: ±1°

H

G

F

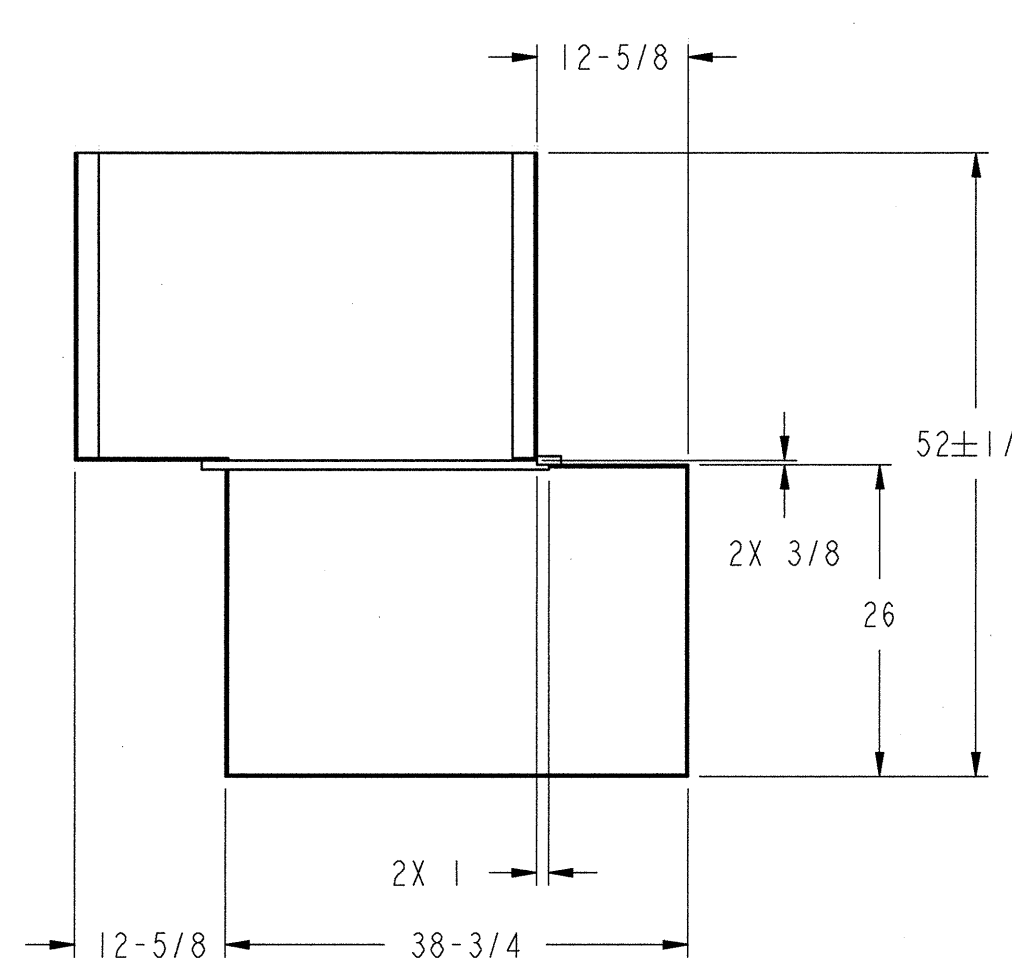
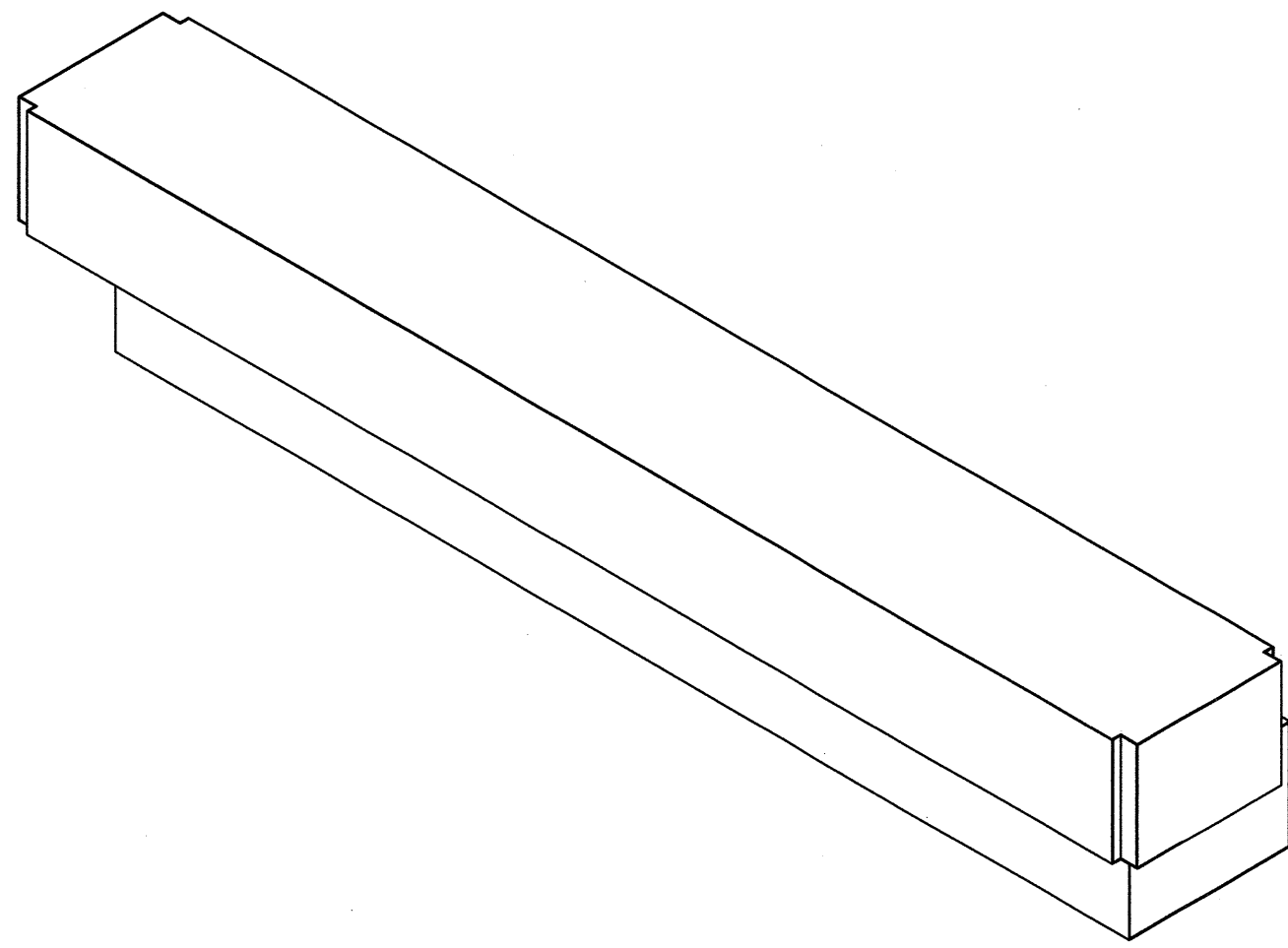
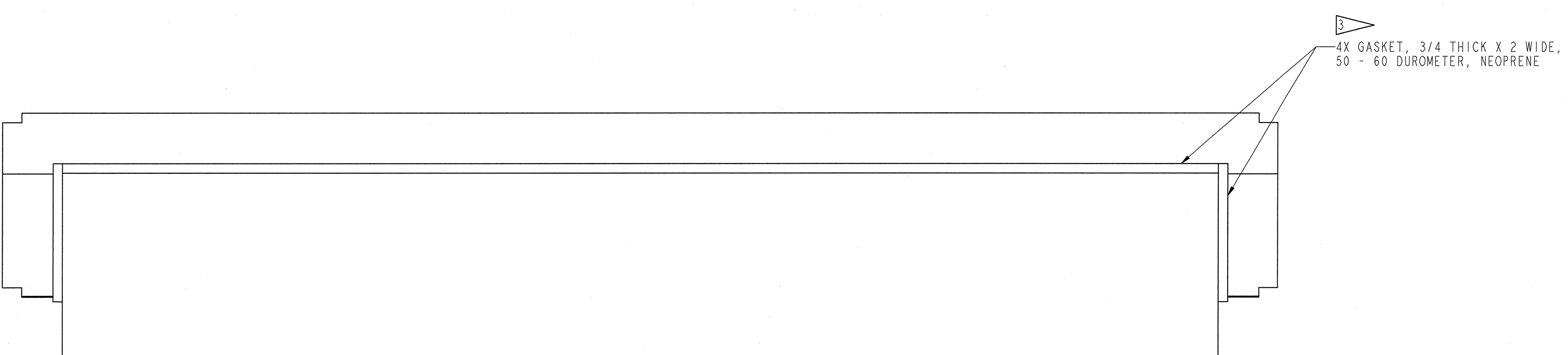
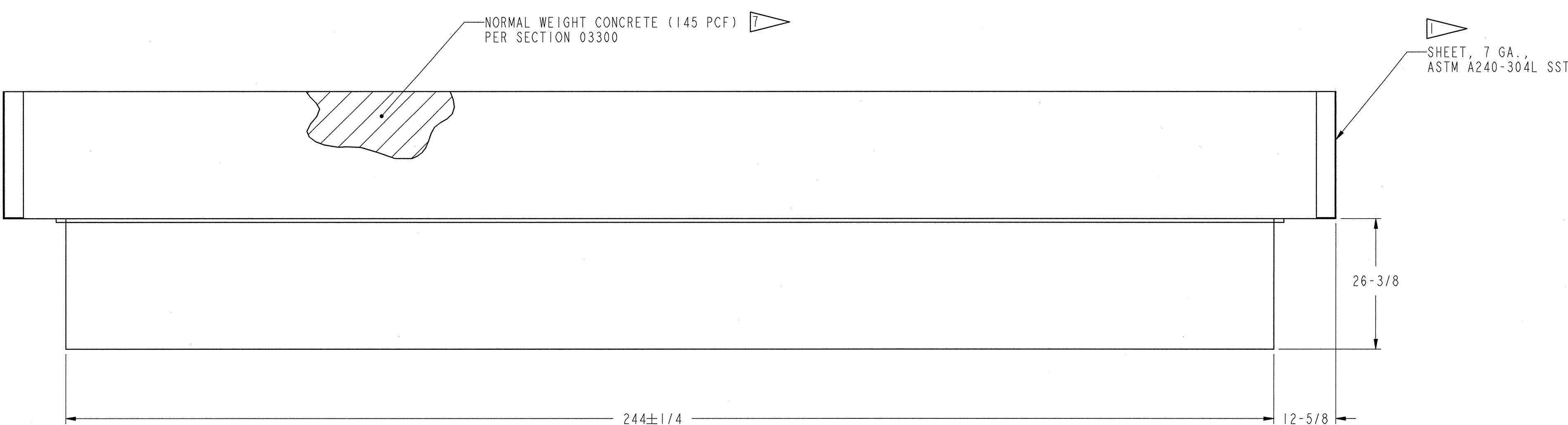
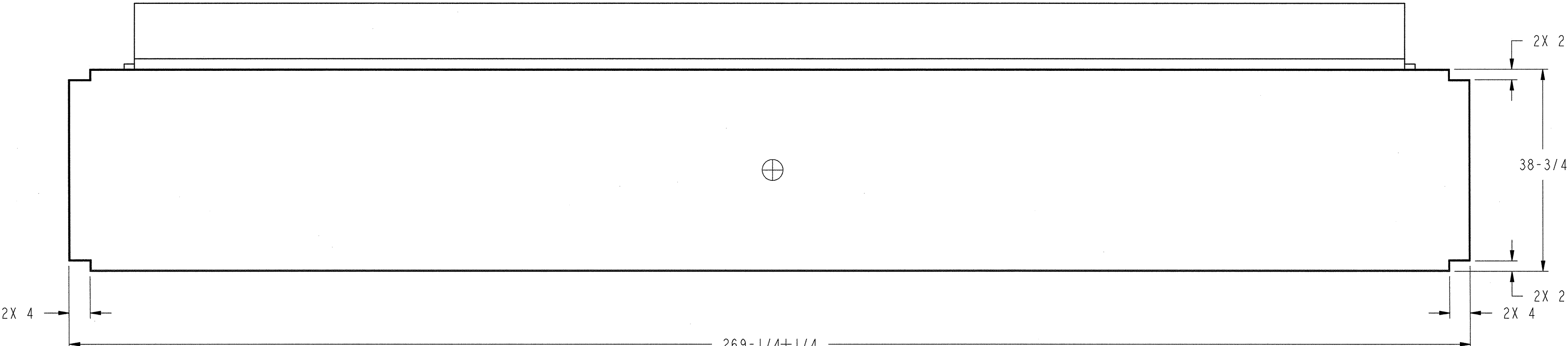
E

D

C

B

A



- NOTES:**
- THE FABRICATION OF THE 7GA SST LINER IS SUBJECT TO THE REQUIREMENTS SET FORTH IN SECTION 15065. THE LINER SHALL CONTINUOUSLY FORM THE SIDES AND BOTTOM SURFACES OF THE CONCRETE. THE TOP SURFACE DOES NOT NEED TO BE LINED. IN ADDITION, CONTINUOUSLY WELD ALL LINER PANELS USING FULL PENETRATION BUTT, GROOVE AND/OR FILLET WELDS.
 - USE A SINGLE ROW OF 1/4" DIAMETER BY 4-1/8" LONG 316L SST NELSON H4L HEADED CONCRETE ANCHORS AROUND THE PERIMETER OF THE TEE. SPACE ANCHORS ON NO MORE THAN 12" CENTERS. LOCATE ANCHORS 12" DOWN FROM THE TOP OF THE TEE.
 - GASKETS SHALL BE ADHERED TO THE SST LINER USING LOCTITE DURABOND E-40FL EPOXY.
 - EXPOSED CONCRETE SHALL BE PAINTED IN ACCORDANCE WITH SECTION 09960.
 - SEE DRAWING S4.30.31 FOR STRUCTURAL REINFORCEMENT DETAILS, INCLUDING LIFTING FEATURES, REBAR SIZES AND LOCATIONS.
 - ⊕ DENOTES SAFETY-SIGNIFICANT COMPONENT (SSC) SUBSTITUTIONS FOR SSC COMPONENTS MAY NOT BE MADE WITHOUT THE PROPER AUTHORITY.
 - FABRICATE TWO UPRIGHT Z-TEES USING NORMAL WEIGHT CONCRETE (145 PCF) PER SECTION 03300.
 - COMPONENT WEIGHT: 43093 LBS.
 - ALL Z-TEES SHALL HAVE A PAINTED OR EMBOSSED LABEL IDENTIFYING WEIGHT.

SCALE: 1/16

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P THIS DRAWING PRODUCED ON PRO-ENGINEER

THIS DOCUMENT CONTROLLED BY CHANGE CONTROL SYSTEM-----3-----
ENGINEERING PROCEDURE SNS-ENG-0001

REV	DATE	DESCRIPTION	DSN	CHK	DEPT	DATE	PE	DATE	PJ	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE	ST	CV	EC	EE	EM	LE	M	PD	SE	AR
0	10/26/01	CERTIFIED FOR CONSTRUCTION - 10/26/01			TBO		220	1/15/01	1/15/01								11/13/01										
REVISION OR ISSUE PURPOSE																		SQUAD CHECK									

RPE

UT-BATTELLE

MECHANICAL

REV. 0 DATE 11/15/01

DSN P. D. D.

DRW P. D. D.

CHK P. D. D.

DEPT

PE P. D. D.

PJ R. A. B.

REQ

UTB

DATE 11/15/01

PROJECT NAME:

SPALLATION NEUTRON SOURCE

TARGET BUILDING

HOT CELL ROOF TEE

UPRIGHT Z

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	J	X	X	8	8700	I	I	G	U	
51	52	53	54	REB						
NC	NA	IN	1.8.3.7	J3.14.31	0					